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To: **MAIL STOP AMENDMENT**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Date: December 7, 2005

Number of Pages: Cover + 16

Examiner: **DIEP, Nhon T.**

**FAX NO.: 1 (571) 273-8300**

From: **Micah P. Goldsmith, Esq.**  
Reg. No. 43,638

**TEL NO.: 1 (571) 272-7328**

Re: U.S. Patent Application Serial No.:  
09/974,530  
Filing Date: October 10, 2001  
Title: MULTISTANDARD VIDEO  
DECODER AND DECOMPRESSION  
SYSTEM FOR PROCESSING  
ENCODED BIT STREAMS  
INCLUDING A VIDEO FORMATTER  
AND METHODS RELATING  
THERETO  
Confirmation No.: 1318  
Art Unit: 2613  
Inventor: Adrian P. Wise et al.  
Attorney Docket No.:  
94100423(EP)USC1X1C1D7D1 PDDD

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ARE ILLEGIBLE OR ARE NOT RECEIVED

TEL: (949) 660-5000

FAX: (949) 660-1801

Dear Examiner Diep:

Please find enclosed form **PTO-1449 (IDS)** filed 10/10/2001 (15 pages) you requested on November 29, 2005.

Kind regards,

**CONFIDENTIALITY NOTE**

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DEC 07 2005

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re the Application of:

Adrian P. Wise

Filed: October 10, 2001

For: MULTISTANDARD VIDEO  
 DECODER AND DECOMPRESSION  
 SYSTEM FOR PROCESSING  
 ENCODED BIT STREAMS INCLUDING A  
 VIDEO FORMATTER AND METHODS  
 RELATING THERETO

§ Application No.: Not Yet Known  
 § Art Unit: 2783 (anticipated)  
 § Examiner: Follansbee, J. (anticipated)  
 § Attorney Docket No.  
 § 94100423(EP)USC1X1C1D7D1PDDD  
 §

**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97**

BOX PATENT APPLICATION  
 Assistant Commissioner of Patents  
 Washington DC 20231

Sir:

FILING OF CORRESPONDENCE BY EXPRESS MAIL UNDER 37 C.F.R. § 1.10	
EL443264408US Express Mail Label Number	October 10, 2001 Date of Deposit

In complying with the duty of disclosure set forth in 37 CFR § 1.56, Applicant submits lists of patents and publications (these were previously submitted in 09/307,239) as listed on the attached form PTO-1449, and a concise explanation of the relevance of each listed item not in the English language as follows:

No non-English language references are submitted.

The Commissioner is hereby authorized to charge payment of the fee required by 37 C.F.R. § 1.17(i), 37 C.F.R. § 1.17(p), and any fees associated with this communication or credit any overpayment to Deposit Account No. 04-1175.

Respectfully submitted,

Date: 10/10/01

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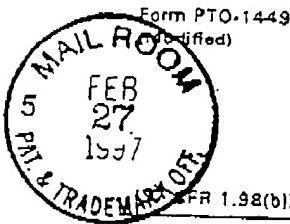
*RS:sd*  
 Richard Stokey  
 Reg. No. 40,383

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Page 1



U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(Use several sheets if necessary)

ATTY. DOCKET NO.  
941004(EP)USC1XSERIAL NO.  
100227-09/307289APPLICANT  
ADRIAN P. WISE ET ALFILING DATE  
MARCH 7, 1995GROUP  
2282

2283

COPY

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
JH	AA	3875391	04/01/75	SHAPIRO ET AL	235	156	11/02/73
JH	AB	4225920	09/30/80	STOKES	364	200	09/11/78
JH	AC	4228497	10/14/80	Gupta et al	364	200	11/17/77
JH	AD	4307447	12/22/81	PROVANZANO ET AL	364	200	06/19/79
JH	AE	4467408	08/21/84	POTASH ET AL	364	200	08/05/80
JH	AF	4617557	10/14/86	DYNNAN ET AL	370	60	12/31/84
JH	AG	4710866	12/01/87	ZOLNOWSKY ET AL	364	200	10/07/86
JH	AH	4809159	02/28/89	SOWA	364	200	01/21/88
JH	AI	4811214	03/07/89	NOSENCHUCK ET AL	364	200	11/14/86
JH	AJ	4811413	03/07/89	KIMMEL	382	41	10/22/87
JH	AK	4841436	08/20/89	ASANO ET AL	364	200	05/30/86
JH	AL	4855947	08/08/89	ZAMROWSKI ET AL	364	200	05/27/87
JH	AM	4922413	05/01/90	GOLECEK	364	200	01/15/88
JH	AN	4953082	08/23/90	NOMURA ET AL	364	200	02/15/89
JH	AO	4989138	01/29/91	RADOCHONSKI	364	200	05/14/90
JH	AP	5043880	08/27/91	YOSHIDA	364	200	01/23/89
JH	AQ	5154347	02/02/93	Farwell et al.	370	94.1	07/09/91
JH	AR	5203003	04/13/93	DONNER	395	800	03/28/91
JH	AS	5218436	06/08/93	SUGIYAMA ET AL	358	141	01/23/91
JH	AT	5227863	07/13/93	Bilbrey et al.	348	578	08/07/90
JH	AU	5297263	03/22/94	OHTSUKA ET AL	395	375	04/17/92
JH	AV	5301344	04/05/94	KOLCHINSKY	395	800	01/29/91

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*John Hanley*

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Form PTO-1449  
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PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
941004(EPIUSC1X)SERIAL NO.  
100307

09/30723;

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STATEMENT BY APPLICANTAPPLICANT  
ADRIAN P. WISE ET ALFILING DATE  
MARCH 7, 1995GROUP  
2283

(Use several sheets if necessary)

FEB (37 27 1.98(b))

27  
1997

PATENT HOLDER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
JH	5309663	05/03/94	FARRAND ET AL	395	200	05/09/91
JH	5329313	07/12/94	KEITH	348	422	10/01/93
JH	5329619	07/12/94	PAGE ET AL	395	200	10/30/92
JH	5333212	07/26/94	LIGTENBERG	382	56	11/17/92
JH	5333266	07/25/94	BOAZ ET AL	395	200	03/27/92
JH	5341371	08/23/94	SIMPSON	370	85.4	05/24/91
JH	5406279	04/11/95	ANDERSON ET AL	341	51	09/02/92
JH	5414813	05/09/95	SHIOBARA	395	200	11/01/93
JH	5442790	08/15/95	NOSENCHUCK	395	700	03/09/94
JH	5446866	08/29/95	DRAKO ET AL	395	500	01/30/92
JH	5450599	09/12/95	HORVATH ET AL	395	800	06/04/92
JH	5452006	09/19/95	AULD	348	390	10/25/93
JH	5461679	10/24/95	NORMILE ET AL	395	650	05/14/93
JH	5481629	01/02/96	STAMM ET AL	395	412	08/13/93
JH	5487064	01/23/96	GALAND ET AL	370	50	05/31/94
JH	5490247	02/06/96	TUNG ET AL	395	162	11/24/93
JH	5497498	03/05/96	TAYLOR	395	800	09/28/93
JH	5504262	04/02/96	UCHIDA	395	375	07/15/94
JH	5536290	07/09/96	Allen	382	250	09/11/95
JH	5566089	10/15/96	HOOGENBOOM	364	514A	10/25/94
JH	5579052	11/25/96	Artieri	348	416	05/24/94

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Form PTO-1449 (Modified)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 941004(EP)USC1X	SERIAL NO. <del>40657</del> 09/30723
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		APPLICANT ADRIAN P. WISE ET AL	
		FILING DATE MARCH 7, 1998	GROUP 226 2783

5 FEB 27 1997 CFS (98(b))  
U.S. PATENT & TRADEMARK OFFICE

## FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION YES / NO
JH	P01	0618723	05/10/94	EP			
JH	P02	9425935	11/10/94	WO	G66K	15/00	NO

## OTHER DOCUMENTS (Including Author, Title, Date\*\*, Relevant Pages, Place of Publication\*\*\*)

EXAMINER INITIAL		DOCUMENT IDENTIFICATION
JH	P01	ELLIOTT J A ET AL: "REAL-TIME SIMULATION OF VIDEOPHONE IMAGE CODING ALGORITHMS ON RECONFIGURABLE MULTICOMPUTERS," IEEE PROCEEDINGS E. COMPUTERS & DIGITAL TECHNIQUES, VOL. 139, NO. 3 PART E, 05/01/92, PP 269-279. XPO000306411.
JH	P02	HONG, YANG-CHANG; T.H. PAYNE. A HYBRID APPROACH FOR EFFICIENT DATAFLOW COMPUTING, COMPUTERS AND COMMUNICATIONS, 1990 INT'L PHOENIX CONFERENCE, IEEE PUBLICATIONS, MAY 1990 PP 170-178.
JH	P03	KAORU, UCHIDA ET AL: "A PIPELINED DATAFLOW PROCESSOR ARCHITECTURE BASED ON A VARIABLE LENGTH TOKEN CONCEPT," ARCHITECTURE, UNIVERSITY PARK, AUG. 15 - 19, 1988, VOL. 1. 15 AUGUST 1988, BRIGGS F A, PP 209-216. XPO00079309.
JH	P04	KOPET, TOM: "PROGRAMMABLE ARCHITECTURES FOR REAL-TIME VIDEO COMPRESSION," 4TH INTERNATIONAL CONFERENCE ON SIGNAL PROCESSING APPLICATIONS & TECHNOLOGY, VOL. 2, 09/28/93 - 10/01/93. SANTA CLARA, CALIFORNIA, USA, PP 1031-1038.
JH	P05	MAYER, A.C.: "THE ARCHITECTURE OF A SINGLE-CHIP PROCESSOR ARRAY FOR VIDEOCOMPRESSION," PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON CONSUMER ELECTRONICS, ROSEMONT, JUNE 8-10, 1993, NO. CONF. 12. 08/06/93, INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS, PP 294-395. XPC00427624.
JH	P06	NORMILE, JAMES. DAN WRIGHT. IMAGE COMPRESSION USING COARSE GRAIN PARALLEL PROCESSING, ICASSP 1991: ACOUSTICS, SPEECH & SIGNAL PROCESSING CONFERENCE, IEEE PUBLICATIONS, JULY 1991 PP 1121-1124.
JH	P07	TOKUMICHI MURAKAMI ET AL: "A DSP ARCHITECTURAL DESIGN FOR LOW BIT-RATE MOTION VIDEO CODEC," IEEE TRANSACTIONS ON CIRCUITS AND SYSTEMS, VOL. 36, NO. 10, 10/1/89, PP 1257-1274. XPO00085313.
JH	P09	YANG, KUN-MIN. VLSI ARCHITECTURE DESIGN OF A VERSATILE VARIABLE LENGTH DECODING CHIP FOR REAL-TIME VIDEO CODECS, TENCON 1990 IEEE REGION 10 CONFERENCE ON COMPUTER AND COMMUNICATION..., IEEE PUBLICATIONS FEBRUARY 1990, PP 551-554.

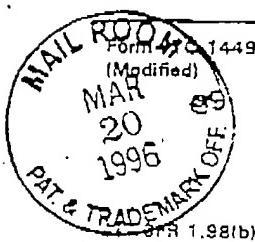
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EXAMINER <i>John H. Hayek</i>	DATE CONSIDERED 6/6/97
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ATTY. DOCKET NO.  
P900 P941004/EPIUSC1CIPSERIAL NO.  
~~09/307239~~APPLICANT  
Wise et al.FILING DATE  
03/07/95GROUP  
~~2350~~ 2783

## U. S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
JK	AA	3	9	9	3	0	4	2	7/1/75	Whitman et al.	331	55	12/12/73
Previously filed	AB	3	9	5	2	5	3	5	6/2/76	Goldsdale	646	472.3	6/3/74
JK	AC	4	1	0	7	7	3	0	8/15/78	Grimsdale et al.	364	521	1/25/77
JK	AD	4	1	4	2	2	0	5	2/27/79	Iinuma	358	13	7/19/77

## FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
JK	AE	0 1 9 6 9 1 1	08.10.86	EP				
JK	AF	0 2 5 5 7 6 7	10.02.88	EP				
JK	AG	0 4 5 3 4 8 0	29.01.92	EP				

## OTHER DOCUMENTS (Including Author, Title, Date\*\*, Relevant Pages, Place of Publication\*\*\*)

Previously cited	AH	Cheng, "A New Architecture for Digital Image Processing," Wisconsin Tech. Report No. 4/8, 10/29/87, Anaheim, California, USA, pp. 1-10
JK	AI	P. Yip, et al., "DIT and DIF Algorithm for Discrete Sine and Cosine Transforms," Proceedings of the International Symposium on Circuits and Systems, IEEE Press, New York, US, Vol. 2/3, 5 June 1985, Kyoto, JP, pages 941-944
JK	AJ	Hsieh S. Hou, "A Fast Recursive Algorithm for Computing the Discrete Cosine Transform," IEEE Transactions on Acoustics, Speech, and Signal Processing, Vol. 35, No. 10, October 1987, IEEE Press, New York, US, pages 1455-1461
Previously cited	AK	Kornorush, "An Elastic Pipeline Mechanism By Self-Timed Circuits," IEEE Journal of Solid-State Circuits, Vol. 23, No. 1, 2/88, New York, NY, USA, pp. 111-117
JK	AL	A. Gupta et al., "A Fast Recursive Algorithm for the Discrete Sine Transform," IEEE Transactions on Acoustics, Speech, and Signal Processing, Vol. 38, No. 3, March 1990, IEEE Press, New York, US, pages 553-557
JK	AM	H.R. Wu, et al., "A Two Dimensional Fast Cosine Transform Algorithm Based on Hou's Approach," IEEE Transaction on Acoustics, Speech, and Signal Processing, Vol. 39, No. 2, February 1991, IEEE Press, New York, US, pages 544-546

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (Use several sheets if necessary)  (37 CFR 1.98(b))		APPLICANT Wise et al.		
		FILING DATE 03/07/95	GROUP 204T 2783	

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
previously filed	JH	4	+	4	3	5	4	2	4/12/79	Piro	364	260	5/2/77
	AO	4	1	9	5	4	4	8	4/1/80	Whitehouse et al.	358	135	5/15/78
	AP	4	2	1	5	3	6	9	7/29/80	Iijima	358	146	12/15/78
	AQ	4	3	0	2	7	7	5	11/24/81	Widergren et al.	358	136	12/15/78
	AR	4	3	3	4	2	4	6	6/8/82	Saran	358	261	5/15/80
	AS	4	4	3	3	3	0	8	2/21/84	Hirota	331	17	12/3/81
	AT	4	4	3	7	0	7	2	3/13/84	Asami	331	1A	9/21/82
	AU	4	4	9	5	6	2	9	1/22/85	Zasio et al.	377	70	1/25/83
	AV	4	5	4	0	9	0	3	9/10/85	Cooke et al.	307	465	10/17/83

## FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS

		DOCUMENT NUMBER							PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
													YES	NO
	JH	AW	0	5	7	2	2	5	2	01.12.93	EP			
	JH	AX	0	5	7	2	2	5	3	01.12.93	EP			
	JH	AY	0	5	7	5	7	4	9	05.01.94	EP			
	JH	AZ	0	5	8	9	7	3	4	30.03.94	EP			X
	JH	BA	0	6	3	9	0	3	2	15.02.95	EP			
	JH	BB	2	0	4	5	0	3	5	22.10.80	GB			
	JH	BC	2	0	5	5	7	2	4	23.04.81	GB			
	JH	BD	2	1	7	1	5	7	8	28.08.86	GB			
	JH	BE	2	1	9	4	0	8	5	24.02.88	GB			

## OTHER DOCUMENTS (Including Author, Title, Date\*\*, Relevant Pages, Place of Publication\*\*\*)

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(37 CFR 1.98(b))

ATTY. DOCKET NO.  
PCDO P941004(EPIUSC:CIP)SERIAL NO.  
09/357239APPLICANT  
Wise et al.FILING DATE  
03/07/95GROUP  
227 227 2783

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
JH	SI	4	5	3	0	0	6	6	4/1/86	Berndt	307	276	3/22/84
JH	2J	4	6	3	0	1	9	8	12/16/86	Li Yuan	364	200	2/21/84
JH	2K	4	6	4	6	1	5	1	2/24/87	Welles II et al.	358	149	2/1/95
JH	3L	4	6	7	9	1	5	3	7/7/87	Arnould et al.	364	725	3/8/85
JH	BM	4	7	4	7	0	7	0	5/24/88	Trottier et al.	364	900	1/9/84
JH	BN	4	7	8	5	3	4	9	11/15/88	Keith et al.	358	136	10/5/87
previously filed	BB	4	7	9	0	9	2	7	12/6/88	Hannah	364	290	4/7/95
JH	SP	4	7	9	9	5	7	7	1/24/89	Frederiksen	273	15	2/24/86
previously filed	BB	4	8	2	3	2	0	+	4/10/89	Simon et al.	358	439	11/15/87
JH	BR	4	8	2	9	4	6	5	5/9/89	Knauer et al.	364	725	6/19/86
JH	BS	4	8	3	1	4	4	0	5/16/89	Sorgers et al.	358	133	3/24/88
JH	BT	4	8	5	6	5	1	0	9/12/89	Goodfellow et al.	358	13	9/30/88
previously filed	BU	4	8	5	6	6	9	7	9/12/89	Gonzales Lopez et al.	364	519	13/30/87
JH	BV	4	8	3	7	2	2	4	12/12/89	Okano et al.	364	518	8/24/87

## FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS

		DOCUMENT NUMBER							PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
													YES	NO
JH	BW	2	2	5	8	0	3	5	22.12.93	GB				
JH	BX	2	2	6	9	0	7	0	26.01.94	GB				
	BY													
	BZ													

## OTHER DOCUMENTS (Including Author, Title, Date\*\*, Relevant Pages, Place of Publication\*\*\*)

CA	
CB	
CC	

EXAMINER

*John H. Dickey*

DATE CONSIDERED

11/21/96

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Page 4 of 10

Form PTO-1449 (Modified)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. P900 P941004(EPIUSC1:C:P)	SERIAL NO. <del>2317-2327</del> 09/307239
INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (Use several sheets if necessary)  (37 CFR 1.98(b))		APPLICANT Wise et al.	
		FILING DATE 03/07/95	GROUP 2317 2363 2783

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
JH	CD	4	9	9	1	7	3	4	1/2/90	Kato et al.	364	900	1/3/88
JH	CE	4	9	0	3	0	1	3	2/20/90	Wiebach et al.	341	51	7/16/86
JH	CF	4	9	1	2	6	6	8	3/27/90	Aubie et al.	364	725	6/5/87
JH	CG	4	9	2	2	3	4	1	5/1/90	Strobach	358	136	9/26/88
JH	CH	4	9	2	4	2	9	8	5/8/90	Kitamura	358	12	9/15/88
JH	CI	4	9	2	4	3	0	8	5/9/90	Feuchtwanger	358	133	3/7/89
JH	CJ	4	9	7	5	5	9	5	12/4/90	Roberts et al.	307	272.2	7/20/88
JH	CK	4	9	9	1	1	1	2	2/5/91	Calleryn	364	518	12/21/88
JH	CL	5	0	0	3	2	0	4	3/26/91	Cushing et al.	307	465	12/19/89
JH	CM	5	0	2	7	2	1	2	6/25/91	Marlton et al.	358	183	12/6/89
JH	CN	5	0	3	8	2	0	9	8/6/91	Hang	358	136	8/6/91
JH	CO	5	0	5	3	9	8	5	10/1/91	Friedlander et al.	364	725	10/19/89
JH	CP	5	0	5	7	7	9	3	10/15/91	Cowley et al.	331	1A	10/29/90
JH	CO	5	0	6	0	2	4	2	10/22/91	Arbeiter	375	122	2/24/89
JH	CR	5	0	8	1	4	5	0	1/14/92	Lucas et al.	340	728	3/9/90
JH	CS	5	0	8	3	4	3	9	2/4/92	Shimura	382	56	7/3/91

## FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS

	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
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CT							
CU							
CV							

## OTHER DOCUMENTS (Including Author, Title, Date\*\*, Relevant Pages, Place of Publication\*\*\*)

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CX	
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*John Hucht*

DATE CONSIDERED

11/18/96

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(Modified)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
PO00 P941004(EPIUSC1CIP)SERIAL NO.  
~~56440-307-~~INFORMATION DISCLOSURE  
STATEMENT BY APPLICANTAPPLICANT  
Wise et al.

(Use several sheets if necessary)

FILING DATE  
03/07/95GROUP  
2017

(37 CFR 1.98(b))

09/30/23

2783

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER						ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FLING DATE IF APPROPRIATE	
JH	CZ	5	0	9	1	7	2	1	2/25/92	Harnori	340	727	12/22/93
JH	DA	5	1	0	7	3	4	5	4/21/92	Lae	358	432	5/25/91
JH	DS	5	1	1	1	2	9	2	5/5/92	Kuriacose et al.	358	133	2/27/91
JH	DC	5	1	1	3	2	5	5	5/12/92	Nagata et al.	358	136	5/11/90
JH	DO	5	1	2	2	3	7	3	5/16/92	Golin	358	133	2/19/91
JH	DE	5	1	2	2	3	7	5	6/16/92	Raychaudhuri et al.	358	133	2/27/91
JH	DF	5	1	2	4	7	9	0	5/23/92	Nakayama	358	133	2/20/90
JH	DG	5	1	2	5	8	4	2	6/30/92	Andrews et al.	358	133	12/26/90
Previously filed	SH	5	1	2	9	6	5	9	7/7/92	Hannah	366	456	4/26/94
JH	DI	5	1	3	0	5	6	8	7/14/92	Miller et al.	307	272.2	11/5/90
JH	DJ	5	1	3	4	4	8	7	7/28/92	Taguchi et al.	358	209	11/5/90
JH	OK	5	1	3	4	5	9	7	7/23/92	Schoffler	395	425	12/10/90
JH	DL	5	1	3	6	3	7	1	8/4/92	Savatier et al.	358	133	3/15/90
JH	DM	5	1	4	2	3	8	0	8/25/92	Sakagami et al.	358	432	10/18/90
JH	DN	5	1	4	6	3	2	5	9/8/92	Ng	358	135	4/29/91
JH	DO	5	1	4	6	3	2	5	9/8/92	Hasegawa	358	135	11/13/90

## FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
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## OTHER DOCUMENTS (Including Author, Title, Date\*\*, Relevant Pages, Place of Publication\*\*\*)

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*John Haworth*

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EXAMINER: Initial citation considered. Describe enough citation if not in conflict.

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Form PTO-1449 (Modified)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (Use several sheets if necessary)	ATTY. DOCKET NO. PCDO P941C04EPUSC1C:P	SERIAL NO. <del>09/307239</del> <u>09/307239</u>
		APPLICANT Wise et al.	
		FILING DATE 03/07/95	GROUP <u>221-220-2783</u>
137 CFR 1.98(b)			

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
JH	DV	5	1	4	3	2	7	1	9/15/92	Kato et al.	358	133	4/17/91
JH	DW	5	1	4	9	5	2	4	9/15/92	Harlin et al.	385	166	11/29/88
JH	DX	5	1	5	1	3	7	5	9/29/92	Sato	364	784	10/2/91
JH	DY	5	1	5	9	4	4	9	10/27/92	Allmendinger	368	136	12/26/91
JH	DZ	5	1	5	4	8	1	9	11/17/92	Music	358	13	4/3/91
JH	EA	5	1	5	3	3	5	6	12/1/92	Acampora et al.	358	133	12/20/91
JH	EB	5	1	6	8	3	7	5	12/1/92	Reisch et al.	358	432	9/19/91
JH	EC	5	1	7	2	0	1	1	12/15/92	Lauthold et al.	307	272.2	6/30/89
JH	ED	5	1	7	5	6	1	7	12/29/92	Wallace et al.	358	133	12/4/91
JH	EE	5	1	7	9	3	7	2	1/12/93	West et al.	340	799	3/29/91
JH	EP	5	1	3	2	5	4	2	1/26/93	Gersdorff et al.	358	133	4/19/91
JH	EG	5	1	8	4	1	2	4	2/2/93	Malpus et al.	341	50	1/2/91
JH	EH	5	1	8	5	8	1	9	2/9/93	Ng et al.	382	56	4/29/91
JH	EI	5	1	8	9	5	2	5	2/23/93	Sasson	358	432	9/21/90
JH	EJ	5	1	9	1	5	4	9	3/2/93	Balkanski et al.	364	725	1/3/92
JH	EK	5	1	9	3	0	0	2	3/9/93	Guichard et al.	358	133	3/25/91
JH	EL	5	2	0	1	0	5	6	4/6/93	Daniel et al.	395	800	5/2/90

## FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS

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	EM							
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## OTHER DOCUMENTS (Including Author, Title, Date\*\*, Relevant Pages, Place of Publication\*\*\*)

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*John Hanley*

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(Modified)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
P000 P941004EPUSC:CIPSERIAL NO.  
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STATEMENT BY APPLICANT

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(37 CFR 1.98(b))

APPLICANT  
Wise et al.FILING DATE  
03/07/95GROUP  
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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
JH	ER	5	2	0	2	8	4	7	4/13/93	Bolton et al.	364	725	7/31/90
JH	ES	5	2	1	2	5	4	9	5/18/93	Ng et al.	358	135	6/16/92
JH	ET	5	2	1	2	7	4	2	5/13/93	Normile et al.	382	56	5/24/91
JH	EU	5	2	1	4	5	0	7	5/25/93	Aravind et al.	358	133	11/8/91
JH	EV	5	2	1	6	7	2	4	6/1/93	Suzuki et al.	382	7	9/28/92
JH	EW	5	2	2	3	9	2	5	6/29/93	Stone et al.	358	133	12/19/91
JH	EX	5	2	2	7	8	7	8	7/13/93	Puri et al.	358	136	11/15/91
JH	EY	5	2	2	3	0	9	8	7/13/93	Crinon et al.	382	56	6/14/91
JH	EZ	5	2	2	9	8	6	3	7/20/93	Kao et al.	358	426	12/24/90
JH	FA	5	2	3	1	4	5	4	7/27/93	Gonzales et al.	358	133	11/8/91
JH	FB	5	2	3	1	4	8	5	7/27/93	Acampora et al.	358	133	7/27/92
JH	FC	5	2	3	3	4	2	0	8/3/93	Pini et al.	358	149	4/10/85
JH	FD	5	2	3	3	5	9	0	8/3/93	Sherlock et al.	395	165	7/29/89
JH	FE	5	2	3	7	4	1	3	8/17/93	Israelsen et al.	358	160	11/19/91
JH	FF	5	2	4	1	2	2	2	8/31/93	Small et al.	307	449	12/20/91
JH	FG	5	2	4	1	3	3	3	8/31/93	Chen et al.	358	135	5/13/92

## FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS

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	FM							
	FI							
	FJ							

## OTHER DOCUMENTS (Including Author, Title, Date\*\*, Relevant Pages, Place of Publication\*\*\*)

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*John Smith*

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Form PTO-1449 (Modified)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. P000 P941004(EPIUSC1C:P)	SERIAL NO. <del>02/100-377</del> 09/30723
INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (Use several sheets if necessary)		APPLICANT Wise et al.	
(37 CFR 1.98(b))		FILING DATE 03/07/95	GROUP 2A77-2222-2 2783

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	RULING DATE IF APPROPRIATE
		5	2	4	1	5	5	3					
JH	FN	5	2	4	1	5	5	3	8/31/93	Masterson et al.	395	152	8/21/90
JH	FO	5	2	4	7	5	1	2	9/21/93	Quinard	395	166	6/29/90
JH	FP	5	2	4	9	1	4	6	9/28/93	Uramoto et al.	364	725	3/20/92
JH	FO	5	2	5	3	0	5	8	10/12/93	Gharavi	358	136	4/1/92
JH	FR	5	2	5	3	0	7	8	10/12/93	Balkanski et al.	358	426	8/23/90
JH	FS	5	2	5	7	2	1	3	10/26/93	Kim et al.	364	725	5/30/91
JH	FT	5	2	5	7	2	2	3	10/26/93	Dervisoglu	365	154	11/13/91
JH	FU	5	2	5	7	3	5	0	10/26/93	Howard et al.	395	162	12/13/91
JH	FV	5	2	5	8	7	2	5	11/2/93	Kinoshita	331	17	10/4/91
JH	FW	5	2	6	0	7	8	1	11/9/93	Seloff et al.	358	133	5/20/92
JH	FX	5	2	6	0	7	8	2	11/9/93	Hui	358	133	8/31/92
JH	FY	5	2	6	1	0	4	7	11/9/93	Rivshin	395	163	10/29/91
JH	FZ	5	2	6	3	1	3	6	11/16/93	OeAguilar et al.	395	164	4/30/91
JH	GA	5	2	6	7	3	3	4	11/30/93	Normille et al.	382	56	1/21/93
JH	GB	5	2	7	6	5	1	3	1/4/94	van der Wal et al.	358	136	6/10/92
JH	GC	5	2	7	6	6	3	1	1/4/94	Tobagi et al.	370	85,4	6/25/92

**FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS**

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	GD							
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**OTHER DOCUMENTS** (Including Author, Title, Date\*\*, Relevant Pages, Place of Publication\*\*\*)

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PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
P000 P941004EPUSC1C:PSERIAL NO.  
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INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

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(37 CFR 1.98(b))

APPLICANT  
Wise et al.FILING DATE  
03/07/95

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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
JH	GJ	5	2	7	6	7	8	4	1/4/94	Ohki	395	127	12/17/91
JH	GK	5	2	7	9	5	2	0	1/11/94	Parker et al.	331	1A	10/26/92
JH	GL	5	2	7	8	6	4	6	1/11/94	Civanlar et al.	358	133	3/17/93
JH	GM	5	2	7	8	6	4	7	1/11/94	Hingorani et al.	358	136	8/5/92
JH	GN	5	2	8	3	8	4	6	2/1/94	Bruder	348	415	4/9/92
JH	GO	5	2	8	7	1	7	8	2/15/94	Acampora et al.	348	384	7/6/92
JH	GP	5	2	8	7	1	9	3	2/15/94	Lin	358	261.1	6/14/91
JH	GA	5	2	8	7	4	2	0	2/15/94	Barrett	382	56	4/8/92
Previously filed	GR	5	2	8	5	2	7	6	2/22/94	Grossman et al.	348	407	6/10/92
Previously filed	GS	5	2	8	9	5	7	7	2/22/94	Gonzales et al.	358	158	6/4/92
JH	GT	5	2	9	3	2	2	9	3/8/94	Iu	348	415	3/27/92
JH	GU	5	2	9	4	8	9	4	3/15/94	Gebara	331	1A	10/2/92
JH	GV	5	2	9	8	8	9	6	3/29/94	Lei et al.	341	51	3/15/93
JH	GW	5	2	9	3	9	9	2	3/29/94	Pietras et al.	348	415	10/8/92
JH	GX	5	2	9	9	0	2	5	3/29/94	Shirasawa	358	400	6/25/92
JH	GY	5	3	0	0	9	4	9	4/5/94	Rodriguez et al.	345	202	10/22/92

## FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS

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							YES	NO
	GZ							
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## OTHER DOCUMENTS (Including Author, Title, Date\*\*, Relevant Pages, Place of Publication\*\*\*)

	HC	
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*John H. Hwang*

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(Modified)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
PDDO P941004(EPIUSC;CIP)SERIAL NO.  
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09/307236INFORMATION DISCLOSURE  
STATEMENT BY APPLICANTAPPLICANT  
Wise et al.

(Use several sheets if necessary)

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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
JH	HF	5	3	0	1	0	1	3	4/5/94	Citta	348	416	9/17/92
JH	HG	5	3	0	1	0	3	2	4/5/94	Hong et al.	358	261.2	12/4/92
JH	HH	5	3	0	1	0	4	0	4/5/94	Hoshi et al.	358	465	4/22/92
JH	HI	5	3	0	1	1	3	6	4/5/94	McMillan, Jr et al.	364	725	7/27/93
previously filed	HH	5	3	0	9	+	2	4	4/5/94	Gonzales et al.	262	56	8/24/92
JH	HK	5	3	0	1	2	7	2	4/5/94	Atkins	395	165	11/25/92
JH	HL	5	3	0	3	3	4	2	4/12/94	Edge	395	164	12/22/92
JH	HM	5	3	0	4	9	5	3	4/19/94	Heim et al.	331	1A	6/1/93
JH	HN	5	3	0	5	4	3	8	4/19/94	MacKay et al.	395	164	5/19/92
JH	HO	5	3	0	9	5	2	7	5/3/94	Ohki	382	56	1/15/92
JH	HP	5	3	1	1	3	0	9	5/10/94	Ersöz et al.	348	409	5/30/91
JH	HQ	5	3	5	1	0	4	7	9/27/94	Bethlen	341	67	9/21/92
	HR												
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## FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS

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	HT								
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## OTHER DOCUMENTS (Including Author, Title, Date\*\*, Relevant Pages, Place of Publication\*\*)

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EXAMINER

*John Shantz*

DATE CONSIDERED

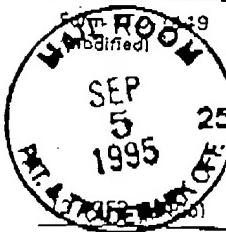
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U.S. DEPARTMENT OF COMMERCE  
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STATEMENT BY APPLICANT

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ATTY. DOCKET NO.  
P000 P941004IEPLUSC1CIP

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APPLICANT  
Wise et al.FILING DATE  
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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
JK	AA	3	9	6	2	5	.3	5	6/76	Belle-Isle	340	172.5	
JK	AB	4	1	4	9	2	4	2	4/79	Pirz	364	200	
JH	AC	4	7	8	9	9	2	7	12/88	Hannah	364	200	
JK	AD	4	8	2	3	2	0	1	4/18/89	Simon et al.	358	133	
JK	AE	4	8	6	6	6	3	7	9/12/89	Gonzalez-Lopez et al.	364	518	
JK	AF	5	1	2	9	0	5	9	7/7/92	Hannah	395	166	
JH	AG	5	2	8	9	2	7	6	2/22/94	Siracusa et al.	348	467	
JK	AH	5	2	8	9	5	7	7	2/22/94	Gonzales et al.	395	163	
JK	AI	5	3	0	1	2	4	2	4/5/94	Gonzales et al.	382	56	
	AJ												

## FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

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							YES	NO
	AK							
	AL							
	AM							

## OTHER DOCUMENTS (including Author, Title, Date\*\*, Relevant Pages, Place of Publication\*\*\*)

JK	AN	Chong, "A Data Flow Architecture For Digital Image Processing," Wescon Tech. Papers No. 4/6, 10/30/84, Anaheim, California, USA, pp. 1-10
JK	AO	Komori et al., "An Elastic Pipeline Mechanism By Self-Timed Circuits, IEEE Journal Of Solid-State Circuits, Vol. 23, No. 1, 2/88, New York, NY, USA, pp. 111-117
	AP	

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<i>John F. Hause</i>	11/21/96

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Application No.  
2001007239Applicant(s)  
Wise et al.

Examiner

John Harrity

Group Art Unit

2783

Page 1 of 1

*Notice of References Cited*

## U.S. PATENT DOCUMENTS

+	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS
A	5,457,780	10/95	Shaw et al.	395	185
B	5,421,023	5/95	Swanson	395	800
C	5,122,948	6/92	Zadolin	364	131
D					
E					
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## FOREIGN PATENT DOCUMENTS

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Q						
R						
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T						

## NON-PATENT DOCUMENTS

+	DOCUMENT (including Author, Title, Source, and Pertinent Pedex)	DATE
x u	Chong, "A Data Flow Architecture for Digital Image Processing," Wescon Tech. Paper No. 4/8, pp. 1-10.	10/30/84
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## JOB STATUS REPORT

TIME : 12/06/2005 14:25  
NAME : DISCOVISION  
FAX# : 9496601801  
TEL# : 9496605000  
SER. # : 000004057140

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